

चीनी उद्योग के लिए रोटरी वैक्यूम फिल्टर
स्क्रीन — विशिष्टि

(पहला पुनरीक्षण)

Rotary Vacuum Filter Screens for
Sugar Industry — Specification

(First Revision)

ICS 67.250

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भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

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FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Sugar Industry Sectional Committee has been approved by the Food and Agriculture Division Council.

This standard was originally published in 1985. In this first revision of standard, requirement of food grade SS 304 has been aligned in line with IS 6911. Further, the standard has been brought out in the latest style and format of the Indian Standards.

The composition of the committee responsible for the formulation of this standard is listed in Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

ROTARY VACUUM FILTER SCREENS FOR SUGAR INDUSTRY — SPECIFICATION

(First Revision)

1 SCOPE

This standard specifies material, dimensions and other requirements for perforated rotary vacuum filter screens used in sugar industry.

2 REFERENCES

2.1 The following Indian Standards contain provisions which through reference in this text, constitute provision of this standard. At the time of publication, the conditions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below:

<i>IS No.</i>	<i>Title</i>
IS 6911 : 2017	Stainless steel plate, sheet and strip — Specification (<i>second revision</i>)

3 MATERIAL

The rotary vacuum filter screens for sugar industry shall be made of stainless steel sheet conforming to grade 304 of IS 6911.

4 DIMENSIONS

4.1 The thickness of the sheet to be used for the manufacture of the rotary vacuum filter screens shall be 0.30 mm.

4.2 The screens shall have round perforations of 0.55 mm diameter.

4.3 The screening area of the perforated filter screens shall be 23 percent.

4.4 The sizes of the perforated filter screens shall be as agreed to between the purchaser and the supplier depending upon the type and the size of vacuum filter.

4.5 Permissible Variation

Not more than five percent of the measured round holes shall exceed the specified dimensions.

4.6 Pitch

The pitch (distance between centres of holes) of the holes shall be 1 mm and the number of holes per square centimeter shall be 100.

5 MARKING

Each rotary vacuum filter screen shall be marked with the following particulars:

- a) Name of the product;
- b) Name and address of the manufacturer, if any;
- c) Month and year of manufacture; and
- d) Batch or code number.

5.1 BIS Certification Marking

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the products may be marked with the Standard Mark.

6 PACKING

As agreed to between the purchaser and the supplier.

ANNEX A
(Foreword)

COMMITTEE COMPOSITION

Sugar Industry Sectional Committee, FAD 02

<i>Organization</i>	<i>Representative(s)</i>
National Sugar Institute, Kanpur	SHRI NARENDRA MOHAN (<i>Chairperson</i>)
Army Service Core (ASC), New Delhi	LT COL B. B. SAHU
CONCERT, Chennai	SHRI R. SANTHANAM SHRI M. SOMASUNDARAM (<i>Alternate</i>)
Consumer Guidance Society of India, Mumbai	SHRI SITARAM DIXIT DR M. S. KAMAT (<i>Alternate</i>)
Food Corporation of India, New Delhi	SHRI DEEPAK KUMAR PANWAR SHRI RAKESH KUMAR RANJAN (<i>Alternate</i>)
Food Safety Standards Authority of India, New Delhi	MS APOORVA SRIVASTAVA
Global Cane Sugar Ltd, New Delhi	DR G. S. C. RAO SHRI ANIL SRIVASTAVA (<i>Alternate</i>)
Indian Institute of Sugarcane Research, Lucknow	DR A. D. PATHAK DR A. K. SHARMA (<i>Alternate</i>)
Indian Institute of Toxicology Research, Lucknow	DR YOGESHWER SHUKLA
Indian Sugar Exim Corporation, New Delhi	SHRI RAJIV AGGARWAL SHRI RAJEEV KURUP (<i>Alternate</i>)
Indian Sugar Mills Association, New Delhi	SHRI G. K. THAKUR SHRI DEEP MALIK (<i>Alternate</i>)
MAARC Labs, Pune	DR VASUDHA KESKAR
MANAS Industry, Maharashtra	SHRI JEEVAN VASANT JADHAV
Ministry of Consumer Affairs, Food & Public Distribution, New Delhi	SHRI SURESH CHANDRA
National Co-Operative Development Corporation, New Delhi	SHRI K. P. VAISH SHRI N. K. SHARDA (<i>Alternate</i>)
National Federation of Co-Operative Development Corporation, New Delhi	SHRI PRAKESH P. NAIKNAVARE SHRI S. SOMASUNDARAM (<i>Alternate</i>)
Tamil Nadu Sugar Corporation Limited (TASCO), Chennai	SHRI E. MUTHUVELAPPAN
The Sugar Technologists Association of India, New Delhi	SHRI SANJAY AWASTHI SHRI ANURAG GOYAL (<i>Alternate</i>)
Triveni Engineering & Industries Ltd, Muzaffarnagar, UP	SHRI RAJESH SINGH SHRI P. K. KHADELWAL (<i>Alternate</i>)

<i>Organization</i>	<i>Representative(s)</i>
Vasantdada Sugar Institute, Pune	DR RAJEEV DANI
Walchand nagar Industries	SHRI D. R. SARDESHMUKH SHRI P. V. KAWADE (<i>Alternate</i>)
BIS Directorate General	SHRIMATI SUNEETI TOTEJA, SCIENTIST 'E'/DIRECTOR AND HEAD (FOOD AND AGRICULTURE) [REPRESENTING DIRECTOR GENERAL (<i>Ex-officio</i>)]

Member Secretary
SHRI RAJPAL
SCIENTIST 'D'/JOINT DIRECTOR
(FOOD AND AGRICULTURE), BIS

Bureau of Indian Standards

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Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

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